

Show all your work. Value will be given for work shown.

Solve

1. $\frac{2}{7} \times \frac{1}{3} =$

2. $\frac{2}{3} \div \frac{1}{9} =$

3. $\frac{2}{5} \times \frac{3}{6} =$

4. $\frac{3}{4} \div 4\frac{1}{2} =$

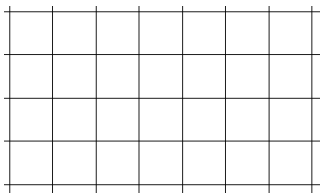
5. $1\frac{3}{8} \div 2\frac{6}{8} =$

6. $1 \div \frac{5}{9} =$

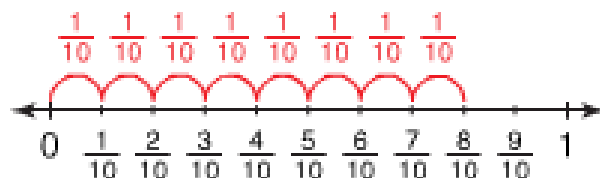
7. $\frac{3}{4} \times \frac{5}{7} \div \frac{3}{2} \times \frac{7}{8} \div \frac{5}{4} =$

8. $\left(\frac{5}{9} + \frac{2}{3}\right) \times \frac{1}{2} \div \frac{3}{4} =$

9. Show a diagram depicting $\frac{1}{4} \times \frac{1}{2}$



10. Write a mathematical statement for the following diagram.



11. Solve the following problems. Make sure you identify the operation needed to solve it first. Words need to be used in the solution!

- a) Noel used $\frac{2}{3}$ cup of milk and $\frac{1}{4}$ cup of oil to make cookies. How much liquid did he use altogether?
- b) One-third of the cars in the parking lot are silver. There are 165 cars in the lot. How many cars are silver?
- c) Shania has $\frac{3}{8}$ cup of yogurt. She needs $\frac{3}{4}$ cup of yogurt to make a smoothie. How much more yogurt does she need?
- d) Part of a pizza was shared equally between two friends. Each friend got $\frac{5}{12}$ of the whole pizza. How much pizza was shared?

12. Write a multiplying statement to represent the following area model.

